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CONFIDENTIAL

Rele3:



ST. JOE AMERICAN EXPLORATION *State* WELL NO. 7
SW/SW Sec 16-T18N-R25E, Apache Co. *645*

COUNTY Apache AREA 28 mi SW of Navajo LEASE NO. State

WELL NAME St. Joe American Exploration Corporation Well No. 7 State

LOCATION SW/SW SEC 16 TWP 18N RANGE 25E FOOTAGE 50' FWL 5 50' FWL
ELEV 5420 GR 5660 KB SPUD DATE 5-31-75 STATUS P&A TOTAL
COMP. DATE 6-11-75 DEPTH 1004'

CONTRACTOR Shelton Drilling Company

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>4 1/2"</u>	<u>901</u>		<u>851' pulled</u>	<u>x</u>
				DRILLED BY CABLE TOOL
				PRODUCTIVE RESERVOIR
				INITIAL PRODUCTION <u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Chinle</u>	<u>0</u>		<u>X</u>	
<u>Cocopino</u>	<u>381'</u>			
<u>Supai</u>	<u>698'</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>GRN</u>			SAMPLE DESCRP.
			SAMPLE NO. <u>1760</u>
			CORE ANALYSIS
			DSTs
REMARKS			APP. TO PLUG <u>x</u>
			PLUGGING REP. <u>x</u>
			COMP. REPORT <u>x</u>

WATER WELL ACCEPTED BY _____

BOND CO. Federal Insurance Company file in PH 1682 BOND NO. 80634846

BOND AMT. \$ 25,000 CANCELLED 12-1-82 DATE 11-12-74 ORGANIZATION REPORT

FILING RECEIPT 0375 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-001-20210 DATE ISSUED 5-29-75 DEDICATION NA

PERMIT NUMBER 645

CONFIDENTIAL

(over)

Release Date _____

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☒ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

DESCRIPTION OF WELL AND LEASE

Operator St. Joe American Exploration Corporation Address 2002 N. Forbes Blvd. #108 Tucson, AZ 85705

Federal, State or Indian Lease Number or name of lessor if fee lease State St. Joe 7 Field & Reservoir Strat. Test

Location 50 FWL - 50 FSL County Apache

Sec. TWP-Range or Block & Survey Sec. 16, T18N, R25E

Date spudded 5/31/75 Date total depth reached 6/9/75 Date completed, ready to produce Elevation (DF, RMB, BT or Gr.) 5668 5472 feet Elevation of casing hd. range feet

Total depth 1004 P.B.T.D. Single, dual or triple completion? none If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion none Rotary tools used (interval) Cable tools used (interval) none

Was this well directionally drilled? no Was directional survey made? no Was copy of directional survey filed? no Date filed

Type of electrical or other logs run (check logs filed with the commission) Gamma Ray - Neutron Date filed 6/20/75

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
	6-3/4"	4 1/2"	5.6 lb/ft	901'		851'

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
none in.	ft.	ft.	in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth interval	Am't. & kind of material used	Depth interval
none				

INITIAL PRODUCTION

Date of first production none Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) none

Date of test Hrs. tested Choke size Oil prod. during test Gas prod. during test Water prod. during test Oil gravity ° API (Corr)

Tubing pressure Casing pressure Cal'd rate of Production per 24 hrs. Oil Gas Water Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the...Supervisor, Field Operations.....of the St. Joe American Exploration Corporation, and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

6/20/75 Date Signature

Permit No. 645

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4
File One Copy

DETAIL OF FORMATIONS PENETRATED			
Formation	Top	Bottom	Description*
Chinle	0	381	Clay-shale
Coconino	381	698	Sandstone
Supai	698	1004 T.D.	Clay-shale, anhydrite & salts

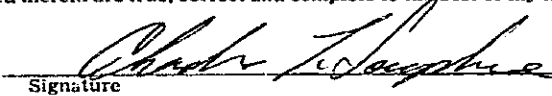
* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach driller's log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

PLUGGING RECORD					
Operator St. Joe American Exploration Corporation			Address 2002 N. Forbes Blvd. #108 Tucson AZ 85705		
Federal, State, or Indian Lease Number, or lessor's name if fee lease.		State	Well No. St. Joe 7	Field & Reservoir Strat. Test.	
Location of Well 50' FWL - 50' FSL		Sec-Twp-Rge or Block & Survey Sec. 16, T18N, R25E		County Apache	
Application to drill this well was filed in name of St. Joe American Expl. Corp.		Has this well ever produced oil or gas no	Character of well at completion (Initial production): Oil (bbls/day) Gas (MCF/day) Dry? yes		
Date plugged: 6/11/75		Total depth 1004'	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/day) none		
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation		Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement
Chinle					0 to 30' cement plug
Chinle			0 to 381		330 to 385 cement plug
Coconino			381 to 698		650 to 700 cement plug
Supai			698 to 1004		805 to 1004 cement plug
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
4 1/2"	901'	851'	50'	Shot @ 851'	Cement plug 805' to 1004'
Was well filled with mud-laden fluid, according to regulations? yes			Indicate deepest formation containing fresh water. none		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address			Direction from this well:	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supervisor of field operations of the St. Joe American Exploration Corp. (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
June 21, 1975 <small>Date</small>		 <small>Signature</small>			
Permit No. 645			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy Form No. 10		

APPLICATION TO ABANDON AND PLUG

FIELD Strat. Test

OPERATOR St. Joe American Exploration Co ADDRESS 2002 N. Forbes Blvd. Suite 108
 Federal, State, or Indian Lease Number Tucson, AZ 85705
 or Lessor's Name if Fee Lease State WELL NO. St. Joe 7

LOCATION 50' FWL - 50' FSL Sec. 16, T18N, R25E

TYPE OF WELL Strat. TOTAL DEPTH 1004'
 (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL none (Bbls.) WATER none (Bbls.)
 GAS none (MCF) DATE OF TEST none

PRODUCING HORIZON none PRODUCING FROM none TO none

1. COMPLETE CASING RECORD.

4½" casing set to 901'. Recovered 851' casing. Shot off @ 851'.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Cement plug from bottom of hole @ 1004' back to 805'.
 Cement plug from 700' back to 650'.
 Cement plug from 385' back to 330'.
 Cement plug from 30' back to 0' -- ground level.

DATE COMMENCING OPERATIONS 6/11/75

NAME OF PERSON DOING WORK Hunter-Shelton ADDRESS P.O. Box 583, Phoenix, AZ 85001

Signature *Hunter-Shelton*
 Title Supervisor, Field Operations
 Address 2002 N. Forbes Blvd. Suite 108 Tucson, AZ 85705
 Date June 21, 1975

Date Approved _____

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

By: _____

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies

Form No. 9

Permit No. 645

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

St. Joe American Exploration Corp.

NAME OF COMPANY OR OPERATOR

2002 N. Forbes Blvd., Suite 108, Tucson, Arizona 85705

Address

City

State

Joe Shelton Drilling Company

Drilling Contractor

P.O. Box 583 Phoenix, Arizona 85001

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor	Well number	Elevation (ground)
State Lease	7	5660
Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:	
50' FWL - 50' FSL feet	None feet	
Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:	
640	None	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Well location (give footage from section lines)	Section—township—range or block and survey	Dedication (Comply with Rule 105)
50' FWL - 50' FSL	16 T18N R25E	STRAIT
Field and reservoir (if wildcat, so state)	County	
Wildcat	Apache	
Distance, in miles, and direction from nearest town or post office		
28 miles southwest of Navajo, Arizona		
Proposed depth:	Rotary or cable tools	Approx. date work will start
-1300 ft.	Rotary	May 30, 1975
Bond Status: Statewide	Organization Report	Filing Fee of \$25.00
Amount 25,000	On file X Or attached	Attached X

Remarks:

CONFIDENTIAL

VERBAL APPROVAL
5-28-75 JB

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supervisor/Field Operations of the St. Joe American Exploration Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED

MAY 28 1975

O & G CONS. COMM.

Signature Charles T. Longshore

Date

Permit Number: 645

Approval Date: 5-28-75

Approved By: [Signature]

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Application to Drill or Re-enter

File Two Copies

Form No. 3

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.

2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.

3. All distances shown on the plat must be from the outer boundaries of the Section.

4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____

5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____

6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
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CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name

Position

Company

Date

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
4 1/2" OD	9.5	J-55			0' to 30'	
Casing will be removed					700' to 750'	50 sacks
					1150' to 1300'	
					Total	

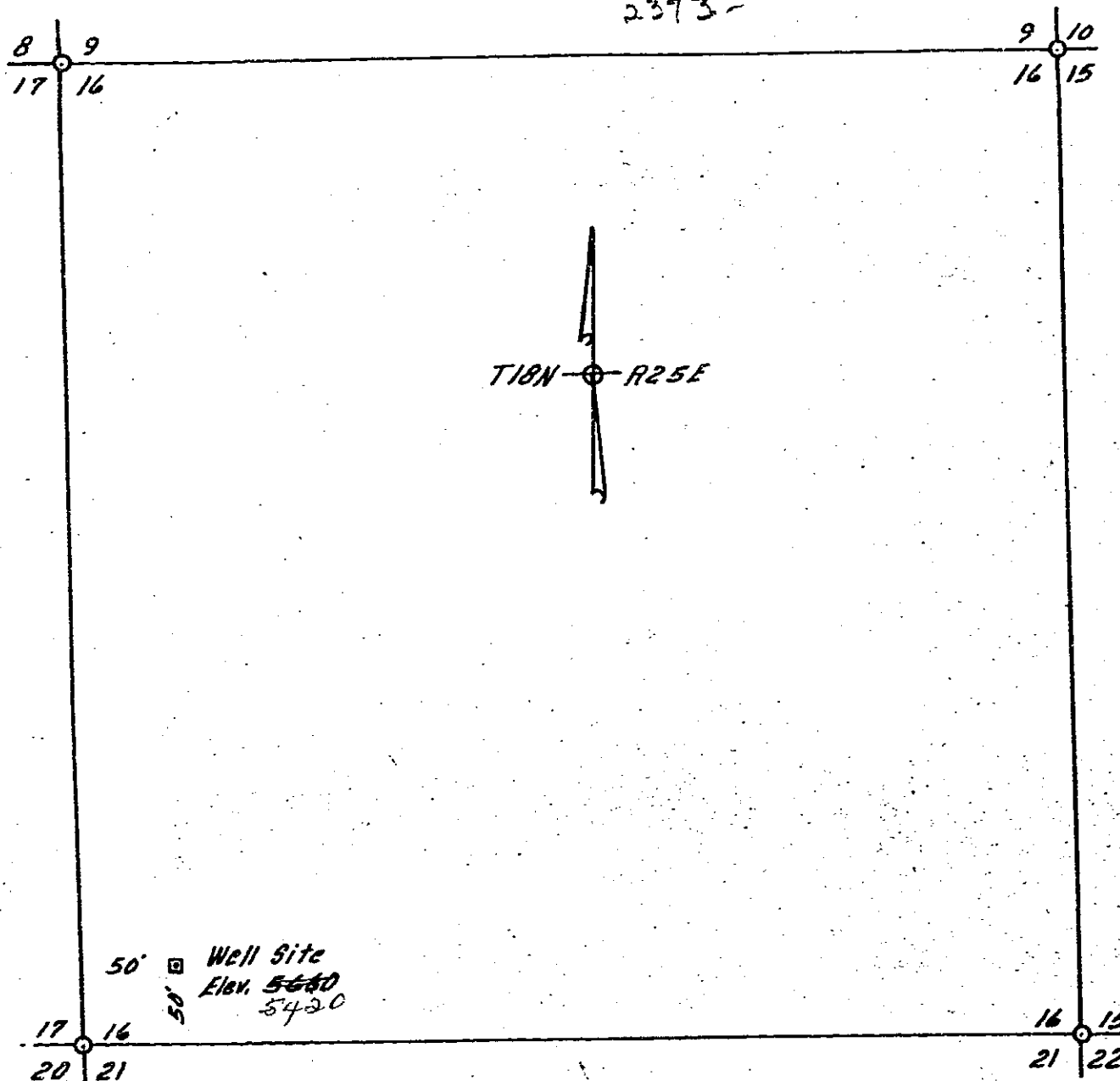
Baldwin Surveying Company

TROY BALDWIN — REGISTERED LAND SURVEYOR

156 W. Buffalo
Holbrook, Arizona 86025

Phone 524-6550

2373-



WELL SITE LOCATION
For: St. Joe Mineral Corp
Tucson, Ariz.





PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: ST. JOE AMERICAN EXPLORATION CORP.
(OPERATOR)

to drill a well to be known as

ST. JOE AMERICAN EXPLORATION CORP. WELL NO. 7
(WELL NAME)

located 50' FWL - 50' FSL

Section 16 Township 18N Range 25E, Apache County, Arizona.

The NA of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 29th day of May, 1975

OIL AND GAS CONSERVATION COMMISSION

By W. B. Allen
EXECUTIVE SECRETARY

PERMIT N^o 645

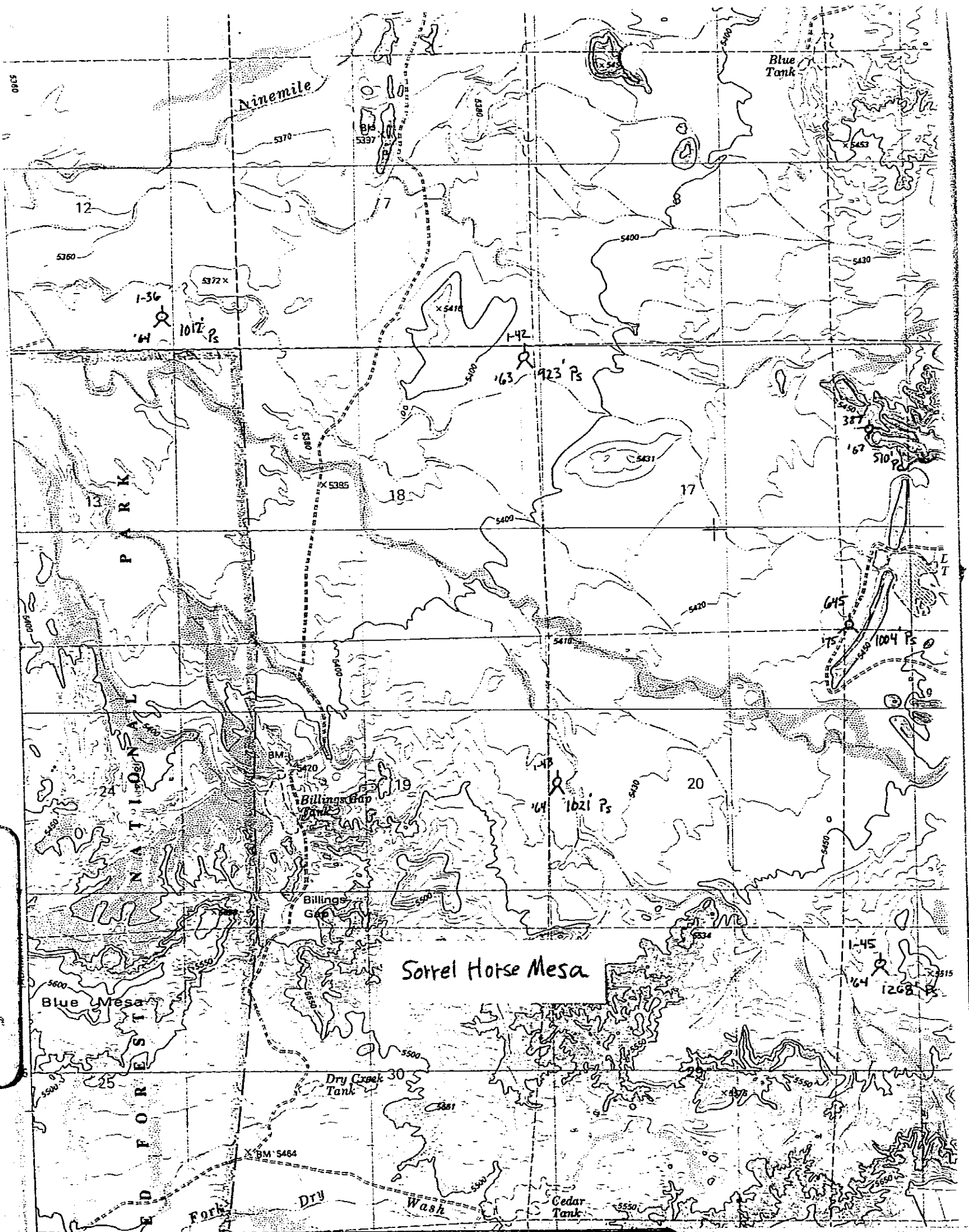
RECEIPT NO. 0375
API NO. 02-001-20210

SAMPLES ARE REQUIRED

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27



ST. JOE

AMERICAN CORPORATION

2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

WAYNE K. WALLACE
VICE PRESIDENT

April 5, 1976

Mr. W. E. Allen
Oil & Gas Conservation Comm.
State of Arizona
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Enclosed are geophysical logs for drill holes St. Joe #8 (Permit 650) and St. Joe #9 (Permit 652). Our records indicate that logs on holes 8 and 9 were mailed to your office on August 19, 1975 (see attached letter), however, we are pleased to provide duplicates.

Rotary drill cuttings on all of our drill holes have been packaged for you and we are in the process of taking representative chip samples from the cored intervals as you suggested. We also hope to provide you with quarter cuts of sawed core intervals upon completion of the project.

Mr. Longshore will deliver to you personally in Phoenix, the latter part of this week, all cuttings, completion reports and applications to plug requested in your memorandum dated March 31, 1976. In addition to the information you requested, we will also provide all available data on drill hole St. Joe #7.

We have appreciated your excellent cooperation in the past and regret if our delay in providing you with the drill hole cuttings may have caused you any inconvenience.

Yours very truly,

Wayne K. Wallace
Wayne K. Wallace

pb
enc.: 3
cc: B. L. Renzetti
C. T. Longshore

RECEIVED

APR 1976

O & G CONS. COMM.

645

STJOE
MINERALS CORPORATION
2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

August 19, 1975

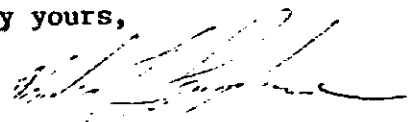
Mr. W. E. Allen
Oil & Gas Conservation Comm.
State Of Arizona
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Bill:

Enclosed please find Gamma Ray Neutron logs for drill holes 8 and 9. Also enclosed are Plugging Record and Application to Abandon and Plug forms for each.

Samples of cuttings of all drill holes are being prepared and will be sent to you as soon as possible.

Sincerely yours,



Charles T. Longshore

pb
enc.

RECEIVED
APR 6 1976
O & G CONS. COMM.

August 14, 1975

St. Joe American Exploration Corp.
2002 North Forbes Blvd.
Tucson, AZ 85705

Attention Mr. Chuck Longshore

Gentlemen:

This is to advise you that your No 7 well located at Sec 16-
T18N-R25E, Apache County will permit will expire August 29,
1975 if not spudded.

Should you desire an extension, please advise prior to the
expiration date.

Very truly yours,

Saralee Lorenzo
Secretary to W. E. Allen
Enforcement Section

sl/

645

WA

ST. JOE

MINERALS CORPORATION

2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

RECEIVED

JUL 9 1975

O & G CONS. COMM.

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

July 8, 1975

RECEIVED

JUL 9 1975

O & G CONS. COMM.

Mr. Bill Allen
State of Arizona
Oil & Gas Conservation Commission
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Please keep all drill hole information in our files confidential for an indefinite period of time. Thank you.

Sincerely,

Charles T. Longshore
Charles T. Longshore *pb*

pb
cc: W. K. Wallace

645

WA

ST. JOE
MINERALS CORPORATION
2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

RECEIVED

JUL 9 1975

O & G CONS. COMM.

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

July 8, 1975

RECEIVED

JUL 9 1975

O & G CONS. COMM.

Mr. Bill Allen
State of Arizona
Oil & Gas Conservation Commission
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Please keep all drill hole information in our files confidential for an indefinite period of time. Thank you.

Sincerely,

Charles T. Longshore
Charles T. Longshore *pb*

pb

cc: W. K. Wallace

645

XXXXXXXXXXXXXXXXXXXX

8686 N. Central, Suite 106
Phoenix, Arizona 85020

May 29, 1975

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit was issued this date:

St. Joe American No. 7
SW/SW Section 16-T18N-R25E
Apache County
Permit No. 645

Very truly yours,

Mrs. Rhema Brandt
Secretary to W. E. Allen
Director, Enforcement Section

/rlb

XXXXXXXXXXXXXXXXXXXX

8686 N. Central, Suite 106
Phoenix, Arizona 85020

May 29, 1975

Mr. Chartles T. Longshore
St. Joe American Exploration Corp.
Suite 108, 2002 N. Forbes Blvd.
Tucson, Arizona 85705

Re: St. Joe American No. 7
SW/SW Sec 16-T18N-R25E
Apache County
Permit No. 645

Dear Chuck:

Enclosed please find your approved application for permit to drill and
Permit to Drill No. 645.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.